



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING

140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

[www.miamidade.gov](http://www.miamidade.gov)

## NOTICE OF ACCEPTANCE (NOA)

**Belizean Breeze Storm Shutter Manufacturing, Inc.**  
535 26<sup>th</sup> Street  
West Palm Beach, FL 33407

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

### DESCRIPTION: Extruded Aluminum Bahama Shutter

**APPROVAL DOCUMENT:** Drawing No. BEL2006, titled "Bahama Style Shutters", sheets 1 through 6 of 6, dated September 15, 2006, prepared by DTK Consulting, LLC, signed and sealed by Daniel T. Koenig, P.E. on March 22, 2007, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

### MISSILE IMPACT RATING: Large and Small Missile Impact

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
04/19/2007

NOA No 06-1114.02  
Expiration Date: 04/19/2012  
Approval Date: 04/19/2007  
Page 1

**Belizean Breeze Storm Shutter Manufacturing, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. BEL2006, titled "Bahama Style Shutters", sheets 1 through 6 of 6, dated September 15, 2006, prepared by DTK Consulting, LLC, signed and sealed by Daniel T. Koenig, P.E. on March 22, 2007.*

**B. TEST**

1. *Test report on Large Missile Impact Test, Cyclic Load Test and Uniform Static Load Test "Aluminum Bahamas Shutter" prepared by Hurricane Test Laboratory, LLC, Report # 0291-0803-06 dated 10/13/2006, signed and sealed by Vinu J. Abraham, PE.*

**C. CALCULATIONS**

1. *Design Calculations, Rational Analysis of Connections prepared by DTK Consulting, LLC, pages 1 to 12 of 12, dated 11/03/2006, signed and sealed by Daniel T. Koenig, PE.*

**D. QUALITY ASSURANCE**

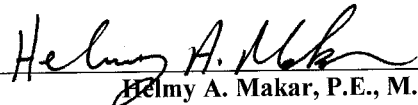
1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATION**

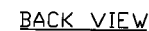
1. *None.*

**F. STATEMENTS**

1. *Letter of compliance with the Florida Building Code 2004, prepared by DTK Consulting, LLC, dated 11/03/2006, signed and sealed by Daniel T. Koenig, PE.*

  
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Helmy A. Makar, P.E., M.S.  
Product Control Examiner  
NOA No 06-1114.02  
Expiration Date: 04/19/2012  
Approval Date: 04/19/2007



NOTE: ALL RIVETS ARE BLIND STEEL POP RIVETS  
3/16" x 1/2"

AN INNER STIFFENER IS INSERTED  
INTO AND ATTACHED TO OUTER STIFFENER  
BY 1/4" x 2" HH BOLT & NUT  
3 PER BRACE  
9 TOTAL

THE OUTER STIFFENER IS ATTACHED TO THE BACK OF THE SHUTTER USING (1) 5/16" X 1/2" STEEL BLIND POP RIVET AT EACH DECORATIVE HORIZONTAL MEMBER LOCATION. SEE SHEET 4 OF 6.

MAXIMUM ALLOWABLE DESIGN WIND LOADS	
POSITIVE	NEGATIVE
100 PSF	100 PSF

GENERAL NOTES:

1. ALL ALUMINUM EXTRUSIONS SHALL BE 6063-T6 ALLOY UNLESS OTHERWISE SPECIFIED ON THESE DRAWINGS.
  2. THE PERMIT HOLDER SHALL VERIFY THE STRUCTURAL INTEGRITY OF THE EXISTING STRUCTURE TO SUPPORT THE LOADS SUPERIMPOSED BY THE SHUTTERS AND TO VERIFY ALL DIMENSIONS AT JOB SITE.
  3. PROTOCOLS TAS-201, 202 & 203 OF FLORIDA BUILDING CODE 2004 (HIGH VELOCITY HURRICANE ZONE) WERE USED IN THE DESIGN AND TESTING OF THESE SHUTTER SYSTEMS.
  4. THESE SHUTTERS SHALL BE PROVIDED WITH A PERMANENT LABEL INSTRUCTING THE OWNER OR TENANT TO CLOSE AND FASTEN THE SHUTTER TO THE WALL DURING PERIODS OF TIME AS ARE DESIGNATED BY THE U.S. WEATHER BUREAU AS BEING A HURRICANE WARNING ALERT.
  5. EACH SHUTTER ASSEMBLY SHALL BE PROVIDED WITH A PERMANENT LABEL AS FOLLOWS  
**BELIZEAN BREEZE**  
**STORM SHUTTERS MFG., INC.**  
**West Palm Beach, FL 33407**  
**MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED**
  6. ALL CONCRETE SUBSTRATE SHALL BE MIN 3000 PSI.
  7. ALL WOOD SUBSTRATE SHALL BE MIN. G=0.55 DENSITY.
- Approved as complying with the**  
**Florida Building Code**

Approved as complying with the  
Florida Building Code

Florida Building Code  
Date: 01/19/2007

DATE: 04/19/2001  
NOA# 06-1114-07

**Miami Dade Product Center**

Division / 0 1 1

By Helmut A. M.

10

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# BELIZEAN BREEZE

**STORM SHUTTER MFG., INC.**

535 26th Street  
West Palm Beach, FL 33407  
(561)-835-8222  
cell (561)-315-5191

SCALE: DO NOT SCALE

DATE: 9/15/06

DRAWN BY: M.E.C.

CHECKED BY:

REVISIONS

1

SEAL:

DANIEL J. KOENIG  
PROFESSIONAL ENGINEER

3

## AWING

BEL

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SIGNATURE: \_\_\_\_\_

3/22/07

3/22/07

(1) 3/16"x  
1/2" Steel  
Blind Pop  
Rivet  
Per Each  
Horiz  
Member  
Both  
Sides

59.50  
MAX  
HEIGHT

- 96.50 Max. Length.  
FRONT VIEW

LINE DRILL—  
AT ASSEMBLY

(9) Component  
#2 with  
NO GAP

L 5/16" GAP TYP.  
BRACING/HINGES  
AND OTHER HARDWARE  
NOT SHOWN  
FOR CLAIRITY

- 5/16" GAP TYP.

(4) Component  
#2 With  
NO GAP

Approved as complying with the  
Florida Building Code  
Date 04/19/2007  
NOA# 06-1114-02  
Miami Basic Product Control  
Division  
By William A. M...

**BELIZEAN  
BREEZE**  
STORM SHUTTER MFG., INC.

535 26th Street  
West Palm Beach, Fl 33407  
(561)-835-822  
cell (561) - 315-5191

**SCALE: DO NOT SCALE**

DATE: 09/15/2006

**DRAWN BY: M.E.C.**

**CHECKED BY:**

DATE	BY
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REVISION

## REVISIONS

**SEAL:**

**DANIEL T. KOENIG**  
**PROFESSIONAL ENGINEER**

8531 LAKE CYPRESS ROAD  
LAKE WORTH, FLORIDA 33467  
FLORIDA LICENSE NO. PE 529999

**SIGNATURE:**

DRAWING NUMBER  
BEL2006

REVISION  
none

SHEET NUMBER  
2 of 6



Approved as complying with the  
Florida Building Code  
Date: 04/19/2007  
NOAE 06-1114.02  
Miami Code Product Control  
Division  
By Helen Adams

# BELIZEAN BREEZE

**STORM SHUTTER MFG., INC.**

535 26th Street  
West Palm Beach, Fl 33407  
(561)-835-822  
cell (561) - 315-5191

SCALE: DO NOT SCALE

DATE: 9/15/2006

1

DRAWN BY: M.E.C.

CONFIDENTIAL

CHECKED BY: \_\_\_\_\_

SCALE: NONE

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**A**

L.T.R.

LAKE CYPRESS ROAD

LAKE WORTH; FLORIDA 3346

FLORIDA LICENSE NO. PE 5299

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NG NUMBER  
EL2006

REVISION	none
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SHEET NUMBER  
4 OF 6



